

BOOKS



ADVANCED AEROBATICS

In this lesson-by-lesson guide, accessible text from aerobatics champions, sequential cockpit-view photographs, and sophisticated computer graphics provide an effective primer on 20 advanced aerobatics maneuversP/N 13-07602



BASIC AEROBATICS (GEZA SZUROVY & MIKE GOULIAN)

Enjoy the aerobatics experience with this complete guide from national champions who tell you not only how to perform the maneuvers, but why the airplane behaves as it does. A variety of maneuvers-loops, slow rolls, Cuban eights, inverted flight, and many more are discussed and illustrated with diagrams and in-flight photos. 288 pages, 90 illust., paperback.
P/N 13-00677



AN ILLUSTRATED DICTIONARY OF AVIATION

An A-Z compilation of terms, definitions, and illustrations from the general aviation, commercial airline, and military sectors. It can be used as a dictionary, reference, or learning toolP/N 13-07746



PILOT'S HANDBOOK OF AERONAUTICAL KNOWLEDGE

Written for the applicant preparing for the Private, Commercial, or Flight Instructor Certificates, it is also valuable to flight instructors as a teaching aid. Providing basic knowledge essential for all pilots—from beginning student pilots to those pursuing more advanced pilot certificates—this introduces pilots to the broad spectrum of knowledge needed as they progress

through pilot training. This book has all the information necessary for operating an aircraftP/N 13-00983



STANDARD AIRCRAFT HANDBOOK

This handy book contains a wealth of information with illustrated chapters on riveting, bolts and fasteners, tools and their proper use, assembly and installation methods, materials and fabrication, blueprint reading, lofting and templates. 292 pgs, paperback. 6th edition. **Coverage Includes:** • Tools and their proper use • Materials and fabricating • Drilling and countersinking • Riveting • Bolts and threaded fasteners • Aircraft plumbing • Control cables • Electrical wiring and installation • Aircraft drawings • Nondestructive testing (NDT) • Corrosion detection and control • Composite materials

BookP/N 13-11400
E-BookP/N 13-05920



STANDARD AIRCRAFT ENGINES HANDBOOK

This hands-on guide succinctly covers all aspects of reciprocating and turbine aircraft engines. The book serves as a study guide for candidates preparing for the FAA Airframe and Powerplant (A&P) certification exam and also is a valuable on-the-job reference for aircraft mechanics and aviation enthusiasts. Written by experienced professors from the highly-ranked aviation program at Purdue, Standard Aircraft Engines Handbook lays out technical details along with in-depth operational explanations. Relevant FAA regulations and requirements are highlighted throughout.

P/N 13-24033



INTERNATIONAL AIRCRAFT DIRECTORY AP

Whether you're a pilot or an aviation enthusiast, the International Aircraft Directory from the editors of Plane & Pilot magazine is sure to have all you're looking for in an easy-to-use reference tool for checking facts about a particular model, identifying unusual aircraft, and recognizing trends in airplane design. Now in its third edition, the book features detailed descriptions and photographs of more than 500 airplanes from around the world, including single-engine, multi-engine, jet, classic antique, homebuilts, kit-builts, sailplanes, motorgliders, warbirds, and military aircraft flown by civilian pilots. The directory lists airframe and performance information and historical facts as well as standard data and performance specifications such as a horsepower thrust, weight, speed, and range. The 304-page softcover book.

P/N 13-04144



EVANS LIGHTPLANE HANDBOOK (W.S. EVANS)

This exceptional book provides a ready source of data commonly used in the field of light aircraft design. The book includes detailed information on aerodynamics, engines, propeller, wood, aluminum, steel, composites, landing loads, flight loads, stress analysis, tubing, weight and balance, weights, data tables, and an AN parts guide.

VP-1 Volksplane Plans and Pilot's Handbook (W.S. Evans) – The complete set of plans to build the popular VP-1 as well as a complete pilot's operating handbook.

Fully illustratedP/N 13-23271
2 Book SetP/N 13-11560



VP-1 VOLKSPLANE EVANS DESIGNERS HANDBOOK

THE ready source of data used in the field of Lightplane Design. The tools rather than the derivations. Presented in a form useful to the "Eyeball" designer as well as the engineer. This requires the use of approx. methods (good enough) where the classical approach requires an engineering background.

Contents: • Sizing of wings, tails, ailerons and flaps. • Includes family of NACA airfoil charts, simple propeller design with NACA nomograms • Scale engine tracing templates for Continental, Lycoming, VW and Rotax Models with wts, hp and rpm. • Welding and glueing allowables. • Flight performance matrix table for reading speeds and Rate of Climb.

P/N 13-23272



FLYING THE AERONCA

Written in 1981 by the famous Robert Livingston, this book is a must for all Aeronca owners. With over 2000 hours of Aeronca flying time, Robert has learned that all Aeronca models have common traits. He takes you through every phase of flight of the Aeronca and makes the reader feel comfortable in knowing the Aeronca is the right tail-dragger for them. 54 pages, spiral-bound.

BookP/N 13-09853
EBookP/N 13-10245



FLYING ON FABRIC

As if being thirteen wasn't hard enough, Ann Wilson has just moved to Indiantown, FL where she knows no one. In an effort to fit in with a gang of rambunctious boys, Ann accepts a dare to sneak into the hangar of a local crop duster and steal something. Ann manages to nab a rusty screwdriver after sneaking into the hangar. She mistakenly thinks she has been successful until the cantankerous old crop duster, Jack, catches her in the act causing her to accidentally damage his plane while making her escape.

Flying on Fabric is an engaging story about a young girl's determined quest to learn how to fly, but only if she can help a grouchy old crop duster find it in his heart to teach her.P/N 13-24284



THEY CALLED ME MR. BONANZA

How it all started in 1944; the original Bonanza design team and their early efforts to find the ideal airplane for the postwar market; how and why the V-tail was chosen; Experimental power plants, first flight wind tunnel testing; Staggerwing influence; birth of the Debonair; why the "straight" tail, airplane geneology chart. Specs on all models from 1946-1972.

P/N 13-04102



AIRCRAFT FUEL SYSTEMS

Aircraft Fuel Systems begins with basic fuel system requirements, then goes on to explain types of aviation fuel, fuel systems and fuel system components, fuel tank repair and testing, and fuel system servicing. It wraps up with a comprehensive look at the Boeing 767 fuel system and its various fuel related components. 62 Pages.

BookP/N 13-09848
E-BookP/N 13-05933



AIRCRAFT ELECTRICITY AND ELECTRONICS, 6TH EDITION

This updated text provides the latest information needed to perform return-to-service-quality maintenance and repair of aircraft electrical systems.

Aircraft Electricity & Electronics, Sixth Edition covers the requirements for the Federal Aviation Administration certification of Airframe and Powerplants Technicians.

P/N 13-12719